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**MAY 23 2006**

**FACSIMILE COVER SHEET**

DATE: May 23, 2006

TO: Examiner Brij B. Shrivastav

COMPANY OR FIRM: PTO

FACSIMILE NO.: (571) 273-8300

FROM: Beth Pearson-Naul for Kaushik P. Sriram

RE: Serial No.: 10/696,995  
Docket No.: 584-35879-USCP  
Title: "Downhole High Resolution NMR Spectroscopy with  
Polarization Enhancement"

NUMBER OF PAGES INCLUDING THIS COVER SHEET: 22

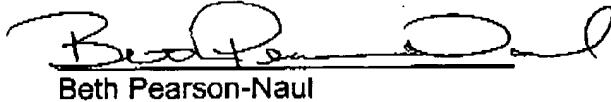
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Attached herewith is a Petition for Entry of Amendment 312 and Amendment After Notice of Allowance for the above-referenced patent application.

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Beth Pearson-Naul

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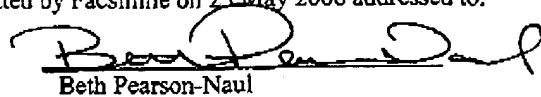
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Beth Pearson-Naul

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

|                                      |   |                                 |
|--------------------------------------|---|---------------------------------|
| APPLICANT: Martin Blanz et al.       | § | Group Art Unit: 2859            |
|                                      | § |                                 |
| SERIAL NO.: 10/696,995               | § |                                 |
|                                      | § |                                 |
| FILED: October 30, 2003              | § | Examiner: Shrivastav, Brij B    |
|                                      | § |                                 |
| TITLE: "Downhole High Resolution NMR | § | Confirmation No.: 7879          |
| Spectroscopy with Polarization       | § |                                 |
| Enhancement"                         | § | Atty Docket No.: 584-35879-USCP |

PETITION FOR ENTRY OF AMENDMENT UNDER 37 CFR §1.312

Applicant respectfully requests that in accordance with 37 C.F.R. § 1.312, the accompanying amendments be entered in the above-referenced application.

The amendment corrects an antecedent problem in one of the dependent claims.

The error was not noticed until review of the claims prior to payment of the issue fee.

No substantial amount of additional work by the Office, such as additional search or examination is required.

REMARKS

No new matter has been added. Reconsideration of the application, as amended,

is respectfully requested.

A check in the amount of \$130 is attached for the fees for the petition. . The Commissioner is hereby authorized to charge any additional fees, or credit any overpayment to Deposit Account No. 02-0429 (584-35879-USCP).

Respectfully submitted,

23 May 2006

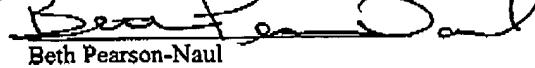
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|  | § | Atty Docket No.: 584-35879-USCP |

AMENDMENT AFTER NOTICE OF ALLOWANCE UNDER 37 CFR 1.312

This is further to the Request for entry of amendments under 37 CFR 1.312.

Claim amendments start on page 2 of this document. Remarks start on page 19 of this document.